

Title (en)  
Sinkers casting mold and casting method

Title (de)  
Giessform und Giessverfahren für Sinkgewichte

Title (fr)  
Moule de coulée et procédé pour poids à pêche

Publication  
**EP 1464220 A1 20041006 (EN)**

Application  
**EP 03006740 A 20030325**

Priority  
• EP 03006740 A 20030325  
• CA 2423132 A 20030321

Abstract (en)  
An expandable mold having sidewalls that are held in a first condition for forming a mold cavity of a minimum volume with the sidewalls laterally separable to thereby expand the mold cavity to a volume sufficient to accommodate the expansion of an article to a condition that eliminates formation of an interference fit between the sidewalls of the mold and the cast article as the article solidifies. <IMAGE>

IPC 1-7  
**A01K 95/00**; **B22D 21/00**; **B22D 17/22**; **B22C 9/06**

IPC 8 full level  
**A01K 95/00** (2006.01); **B22C 9/06** (2006.01); **B22D 17/22** (2006.01); **B22D 21/00** (2006.01)

CPC (source: EP)  
**A01K 95/005** (2013.01); **B22C 9/062** (2013.01); **B22D 17/22** (2013.01); **B22D 21/007** (2013.01)

Citation (search report)  
• [A] EP 0658305 A1 19950621 - ZIELOWSKI WOLFGANG [DE]  
• [A] US 6325136 B1 20011204 - RATTE ROBERT W [US], et al  
• [A] US 4045536 A 19770830 - WALLACE JOHN F  
• [A] US 5782285 A 19980721 - TRICKEL JERRY E [US], et al

Cited by  
CN111451477A; KR101386910B1; EP2796660A3; GB2490299B; US9790744B2; US10399258B2; WO2015046758A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1464220 A1 20041006**; CA 2423132 A1 20040921

DOCDB simple family (application)  
**EP 03006740 A 20030325**; CA 2423132 A 20030321